

NCDOT Prioritization 3.0 Project Summary

Status: Submitted **SPOT ID:** H140296 Mode: Highway

SR-1477 (Riverside Drive)

From/Cross Street: NC 251/SR 1781 Broadway

Specific Improvement Type: 1 - Widen Existing Roadway

To: I-40/SR 1231 Hill Street

Project Category: Division Needs

Length: 1.44

TIP#:

Fully Funded in Draft STIP?

Cost to NCDOT: \$7,754,000

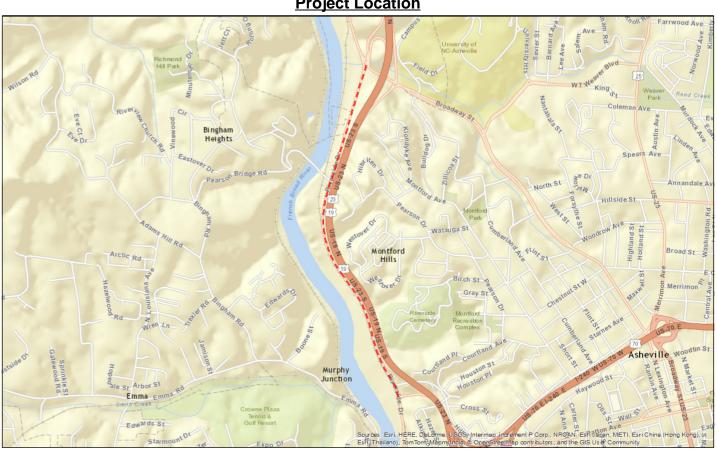
Description:

widen to 2-4 lanes w/ median or 3 lane with parallel parking; This is the section of the on-street Wilma Dykeman Riverway north of the River Arts District in Asheville

Division(s): Division 13 County(s): BUNCOMBE

MPOS(s)/RPO(s): French Broad River MPO

Project Location



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| Statewide | Mobility | Total | Score: | 0 |
|------------------|----------|--------------|--------|---|
|------------------|----------|--------------|--------|---|

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--------------------------------------|---|-------------------------------|
| | N/A | N/A |
| Totals: Weight: 0% Weighted Score: 0 | | |

Regional Impact Total Score: 0

| Quantitative Score | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--------------------------------------|---|-------------------------------|
| | Percent: 15% Points: 0 | Percent: 15% Points: 0 |
| Totals: Weight: 0% Weighted Score: 0 | | |

Division Needs Total Score: 39.24

| Quantitative Score | | Division Engineer Local Input Points | MPO/RPO Local Input Points |
|--|------------------------|---|-------------------------------|
| Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) | 36.10 69.98 0.13 | Percent: 25% Points: 0 | Percent: 25% Points: 100 |
| Totals: Weight: 50% Weighted Scor | e: 14.24 | | |

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Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 35 1.44 Length (miles); Facility Type: Arterial Access Control: Limited Functional Classification: Minor Arterial Mountainous Terrain Type: Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 8600.8 15800.22 Capacity: Volume/Capacity Ratio: 0.54 100% % Autos: 0% % Trucks: Truck Volume: 0 76.84 Crash Density: 99.86 Crash Severity: Critical Crash Rate: 33.25 0 Crash Frequency: 0 Severity Index: 3 County Tier Designation: Non-Interstate STRAHNET No Route? Average Commuting Time: 17 Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 87 Actual Congested Speed: 0 Travel Time Index:

Project Benefits

| 110,000 | | |
|--|--|--|
| Project Cross-Section: | 3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks | |
| Speed Limit: | 35 | |
| Length (miles): | 1.44 | |
| Facility Type: | Arterial | |
| Access Control: | None | |
| Functional Classification: | Minor Collector | |
| TerrainType: | Level | |
| DOT Design Lane Width: | 12 | |
| DOT Design Paved Shoulder Width: | 4 | |
| Travel Time Savings for 30 Years (Total): | 46090.42 | |
| Travel Time Savings for 30 Years (Autos): | 46090.42 | |
| Travel Time Savings for 30 Years (Trucks): | 0 | |
| Long-Term Employment: | | |
| % Change in Economy: | | |
| Provides Direct Connection to Transportation Terminal? | No | |
| Does project upgrade how the roadway functions? | No | |
| In CTP or LRTP? | Yes | |
| CTP/LRTP Name: | In CTP & LRTP, plus the Wilma Dykeman Riverway Plan (Asheville & Buncombe Co adoptions) | |
| CTP/LRTP Completion Year: | 2011 | |
| Submitted by: | French Broad River MPO | |

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SR-1477 (Riverside Drive) SPOT ID H140296

Project Ownership

Division

| Division | Percent | Regional Impact | Division Needs |
|-----------------------|---------|-----------------|----------------|
| Division 13 | 100% | 0 | 0 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL Division Points | | 0 | 0 |

MPO/RPO

| MPO/RPO | Percent | Regional Impact | Division Needs |
|------------------------|---------|-----------------|----------------|
| French Broad River MPO | 100% | 0 | 100 |
| | 0% | 0 | 0 |
| | 0% | 0 | 0 |
| TOTAL MPO/RPO Points | | 0 | 100 |

Project Cost and Source

| Construction Cost: | \$7,118,000 | Cost Estimation Tool |
|---------------------|-------------|----------------------|
| Right-of-Way Cost: | \$568,000 | Cost Estimation Tool |
| Utilities Cost: | \$68,000 | Cost Estimation Tool |
| Total Project Cost: | \$7,754,000 | |
| Other Funding: | \$0 | None |
| Cost to NCDOT : | \$7,754,000 | |

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